



Eastern Research Group
601 Keystone Park Drive
Suite 700
Morrisville, NC 27560

August 28, 2009

Mr. Bob Princic
U.S. Environmental Protection Agency, Region 5
210 E. Aurora Road
Twinsburg, OH 44087
Project Name: LCOH SCH

Dear Mr. Bob Princic,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 08/14/09 11:51 through 08/19/09 11:07.

The test results in this report are in compliance with NELAC accreditation requirements for the certified parameters. All analyses were performed as described in the US EPA-approved QAPP, under the contract for NMOC, UATMP, PAMS, HAPS, and NATTS support (US EPA Contract No. 68-D-03-049). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift
Program Manager
julie.swift@erg.com

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CERTIFICATE OF ANALYSIS

U.S. Environmental Protection Agency, Region 5

210 E. Aurora Road

Twinsburg, OH 44087

ATTN: Mr. Bob Princic

PHONE: (330) 963-1230

FAX: (312) 886-5824

FILE #: 0269.00

REPORTED: 08/28/09 13:51

SUBMITTED: 08/14/09 to 08/19/09

AQS SITE CODE: 39 029 5501

SITE CODE: LCOH SCH

ANALYTICAL REPORT FOR SAMPLES

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	<u>Received</u>
LCOH SCH	9081431-01	Air	08/12/09 23:59	08/14/09 11:51
LCOH SCH	9081904-01	Air	08/17/09 23:59	08/19/09 11:07



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AQS SITE CODE: 39 029 5501

SITE CODE: LCOH SCH

Description: LCOH SCH

Lab ID: 9081431-01

Sampled: 08/12/09 23:59

Matrix: Air

Sample Volume: 24.04 m³

Received: 08/14/09 11:51

Comments: P9026370

Analysis Date: 08/26/09 22:39

Inorganics by Compendium Method IO-3.5

<u>Analyte</u>	<u>CAS Number</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>
		<u>ng/m³ Air</u>		<u>ng/m³ Air</u>
Antimony	7440-36-0	1.27	D	0.06
Arsenic	7440-38-2	1.12	D	0.01
Beryllium	7440-41-7	ND	U	0.03
Cadmium	7440-43-9	0.35	D	0.22
Chromium	7440-47-3	4.51	D	1.55
Cobalt	7440-48-4	0.04	D	0.02
Lead	7439-92-1	4.02	D	0.07
Manganese	7439-96-5	30.0	D	0.22
Mercury	7439-97-6	0.01	U	1.12
Nickel	7440-02-0	0.41	U	0.96
Selenium	7782-49-2	0.83	D	0.37



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AQS SITE CODE: 39 029 5501

SITE CODE: LCOH SCH

Description: LCOH SCH

Lab ID: 9081904-01

Sampled: 08/17/09 23:59

Matrix: Air

Sample Volume: 24.04 m³

Received: 08/19/09 11:07

Comments: P9026369

Analysis Date: 08/27/09 00:08

Inorganics by Compendium Method IO-3.5

<u>Analyte</u>	<u>CAS Number</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>
		<u>ng/m³ Air</u>		<u>ng/m³ Air</u>
Antimony	7440-36-0	2.00	D	0.06
Arsenic	7440-38-2	1.53	D	0.01
Beryllium	7440-41-7	0.01	U	0.03
Cadmium	7440-43-9	1.14	D	0.22
Chromium	7440-47-3	5.45	D	1.55
Cobalt	7440-48-4	0.18	D	0.02
Lead	7439-92-1	6.13	D	0.07
Manganese	7439-96-5	54.6	D	0.22
Mercury	7439-97-6	0.01	U	1.12
Nickel	7440-02-0	0.83	U	0.96
Selenium	7782-49-2	3.01	D	0.37



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AQS SITE CODE: 39 029 5501

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Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Notes and Definitions

U	Under Detection Limit
D	Data reported from a dilution
ND	Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reported
MDL	Method Detection Limit
RPD	Relative Percent Difference